

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400
Facsimile: (703) 836-2787

Attorney Docket No.: 103092.02

Date: November 26, 2001

BOX PATENT APPLICATION

Customer Number: 25944

**CONTINUING APPLICATION TRANSMITTAL
 RULE 1.53(b)**

Director of the U.S. Patent and Trademark Office
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a

☒ Continuation ☐ Divisional ☐ Continuation-in-Part

application of prior pending Application No. 09/589,353, filed June 8, 2000,

For (Title): **SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING
 THE SAME, CIRCUIT BOARD, AND ELECTRONIC INSTRUMENT**

By (Inventors): **Nobuaki HASHIMOTO**

1. ☒ A Declaration and Power of Attorney is attached. The attached Declaration and Power of Attorney is:
 - ☒ a. A copy of the Declaration and Power of Attorney from the parent application. (Used with the same or fewer inventors and (a) a copy of the prior application or (b) a revised, reformatted or edited version of the prior application that does not contain new matter.)
 - ☐ b. A new Declaration and Power of Attorney. (Used with the same, fewer or additional inventors and (a) a copy of the prior application, (b) a revised, reformatted or edited version of the prior application that does not contain new matter, or (c) a new specification.)
2. ☒ The filing fee is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF
 ANY PRELIMINARY AMENDMENT NOTED BELOW**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	52 - 20	= *32
INDEP CLAIMS	6 - 3	= * 3
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference is less than zero, enter "0".

SMALL ENTITY

RATE	FEE
	\$ 370
x 9 =	\$
x 42 =	\$
+140 =	\$
TOTAL	\$

**OTHER THAN A
 SMALL ENTITY**

RATE	FEE
	\$ 740
x 18	\$ 576
x 84	\$ 252
+280	\$ 0
TOTAL	\$1568

3. ☒ Check No. 125213 in the amount of **\$1,568.00** to cover the filing fee is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.
4. ☐ Cancel claims _____ of the application before calculating the filing fee. At least one independent claim is retained for filing purposes.

DEPOSIT ACCOUNT USE
 AUTHORIZATION
 Please grant any extension
 necessary for entry;
 Charge any fee due to our
 Deposit Account No. 15-0461

5. ☒ Amend the specification by inserting before the first line the sentence:
--This is a ☒ Continuation ☐ Division ☐ Continuation-in-Part of Application No. **09/589,353** filed **June 8, 2000**, which in turn is a Division of Application No. **09/271,336**, filed **March 18, 1999**. The entire disclosure of the prior application(s) is hereby incorporated by reference herein in its entirety.--
6. ☒ Drawings (Fig(s). **1A-12**) are attached.
☐ Use Figure _____ for front page of Publication.
7. ☒ Priority of foreign application(s) No. **10-100580** filed **March 27, 1998** in **Japan** and No. **11-041119** filed **February 19, 1999** in **Japan** is claimed under 35 U.S.C. §119 and/or §365(b).
☒ The certified copies were filed in prior Application No. **09/271,336** on **May 27, 1999**.
☐ A certified copy of the above foreign application(s) is filed herewith.
8. ☐ Priority of U.S. Provisional Application(s) No. _____ filed _____ is claimed under 35 U.S.C. §119.
☐ Amend the specification by inserting before the first line the sentence:
--This nonprovisional application claims the benefit of U.S. Provisional Application(s) No. _____ filed _____.--
9. ☒ The prior application is assigned of record to **Seiko Epson Corporation** recorded at Reel **010019**, Frame **0112**.
10. ☐ This application is filed by fewer than all the inventors named in the prior application (37 C.F.R. §1.53(b)(1)). Delete the following inventor(s) named in the prior application:

11. ☒ A Preliminary Amendment is attached. A Supplemental Preliminary Amendment is forthcoming. The Examiner is requested to defer examination until receipt of the Supplemental Preliminary Amendment. The Examiner is also requested to contact Applicant's representative listed below if the Supplemental Preliminary Amendment has not been received.
12. ☒ An Information Disclosure Statement is attached.
13. ☐ Small entity status:
☐ a. Entitlement to small entity status is asserted.
☐ b. Small entity status is no longer claimed.
14. ☐ Other: _____
15. ☐ This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
16. ☒ The power of attorney in the application is to James A. Oliff, Registration No. 27,075, William P. Berridge, Registration No. 30,024, Kirk M. Hudson, Registration No. 27,562, Thomas J. Pardini, Registration No. 30,411, Edward P. Walker, Registration No. 31,450, Robert A. Miller, Registration No. 32,771, Mario A. Costantino, Registration No. 33,565, Stephen J. Roe, Registration No. 34,463, Joel S. Armstrong, Registration No. 36,430, Christopher W. Brown, Registration No. 38,025, and/or Richard E. Rice, Registration No. 31,560.
☒ a. The power appears in the attached Declaration and Power of Attorney.
☐ b. Since the power does not appear in the attached Declaration and Power of Attorney, a substitute Power of Attorney is also attached.
17. ☒ Address all future communications to:

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Eric D. Morehouse
Registration No. 38,565